

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A radio communication terminal comprising:
a plurality of antennas;
an antenna switching unit for switching an antenna to another;
a receiver for amplifying a received signal under automatic gain control;
a power calculator for calculating received signal power based on a gain and output of said receiver;
a memory for storing the calculated power values; and
a power determining unit for selecting an antenna which receives the largest signal power; and
wherein the received signal is received during a high speed operation when the receiver starts.
2. (Original) The radio communication terminal according to claim 1, further comprising a gain calculator for calculating a gain based on an output from the receiver.
3. (Original) The radio communication terminal according to claim 2, further comprising a gain controller,
wherein the gain calculator outputs the gain to the power calculator and the gain controller.
4. (Currently Amended) The radio communication terminal according to claim 1, wherein [[the]] a power control unit controls the antenna switching unit to switch the antenna.
5. (Original) The radio communication terminal according to claim 1, wherein the power determining unit compares the power values stored in the memory for each of the antennas.

6. (Original) The radio communication terminal according to claim 1, wherein, based on a gain and output of the receiver, the power calculator calculates the power of a signal received through each of the antennas.

7. (Original) The radio communication terminal according to claim 1, wherein the receiver employs direct conversion method.

8. (Original) The radio communication terminal according to claim 2, further comprising an average power calculator for calculating an average power of a plurality of signals output from the receiver.

9. (Original) The radio communication terminal according to claim 8, wherein the average power calculator outputs the average power to the gain calculator and the power calculator.

10. (Original) A radio signal receiving method comprising the steps of:
receiving a radio signal through one of a plurality of antennas by a receiver operating under automatic gain control;
calculating the power of the received radio signal based on a gain and output of said receiver;
switching the antenna to another;
storing the calculated power for each of the antennas in a memory;
calculating a gain based on the output of said receiver and setting the calculated gain in said receiver; and
selecting an antenna which receives an signal with the largest power.

11. (Original) The radio signal receiving method according to claim 10, further comprising a step of calculating an average power of a plurality of signals output from the receiver.

12. (Original) The radio signal receiving method according to claim 10, wherein each of the steps is executed during a high speed operation of said receiver when said receiver starts.

13. (Original) The radio signal receiving method according to claim 11, wherein calculation of the average power is performed within a period in which a predetermined gain is retained in the receiver and after the receiver stabilizes.

14. (Original) The radio signal receiving method according to claim 11, wherein, when calculation of the average power is initially executed, the calculation is performed within a period in which a predetermined gain is retained in the receiver.

15. (Original) The radio signal receiving method according to claim 10, wherein the power of the radio signal is calculated a number of times for each of the antennas.

16. (Original) The radio signal receiving method according to claim 15, wherein the calculated powers are added up.

17. (Original) The radio signal receiving method according to claim 11, wherein setting of the calculated gain in the receiver is performed after calculation of the next average power ends.

18. (Original) The radio signal receiving method according to claim 11, wherein switching of an antenna to another is performed after calculation of the average power ends.